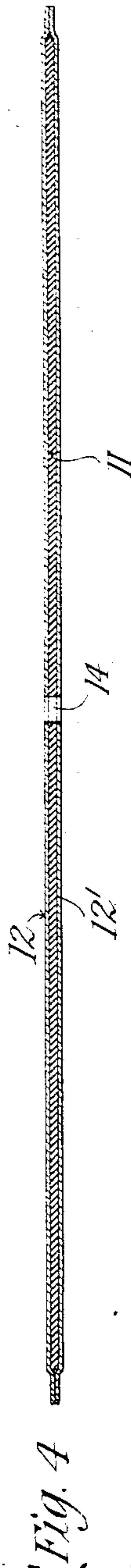
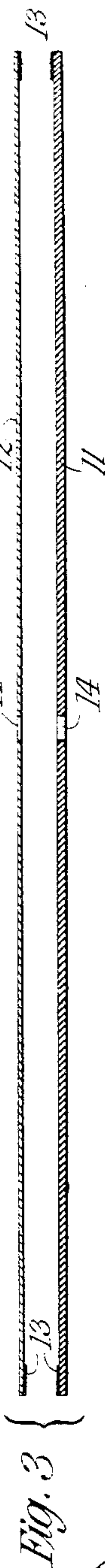
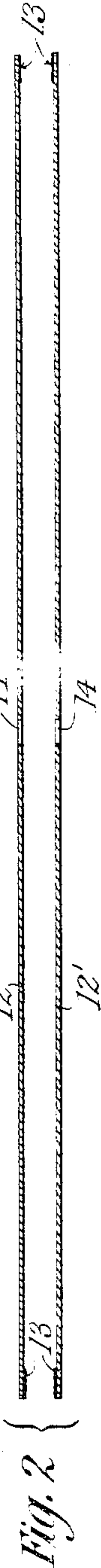
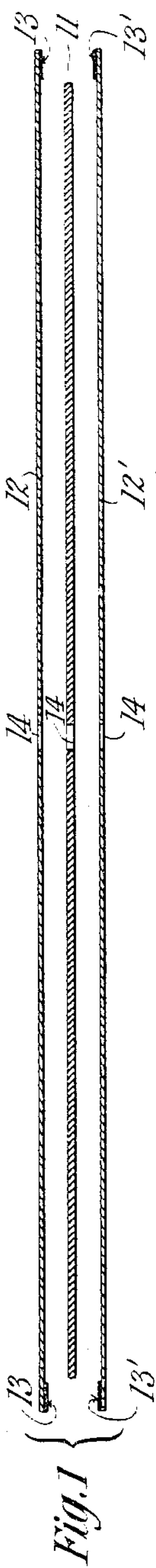


No. 819,058.

PATENTED MAY 1, 1906.

H. GODWIN & A. HOFFMAN.  
TABLET FOR SOUND RECORDS.

APPLICATION FILED JULY 26, 1905.



Witnesses  
Gustave R. Thompson.  
Wm. B. McKean

Harold Godwin  
August Hoffman  
Inventors  
By Mauro Causton Lewis Masie  
Attorneys

# UNITED STATES PATENT OFFICE.

HAROLD GODWIN, OF HACKENSACK, NEW JERSEY, AND AUGUST HOFFMAN, OF NEW YORK, N. Y., ASSIGNORS TO AMERICAN GRAPHOPHONE COMPANY, OF BRIDGEPORT, CONNECTICUT, A CORPORATION OF WEST VIRGINIA.

## TABLET FOR SOUND-RECORDS.

No. 819,058.

Specification of Letters Patent.

Patented May 1, 1906.

Application filed July 26, 1905. Serial No. 271,330.

*To all whom it may concern:*

Be it known that we, HAROLD GODWIN, a resident of Hackensack, New Jersey, and AUGUST HOFFMAN, a resident of New York city, New York, citizens of the United States, have invented a new and useful Improvement in Tablets for Sound-Records, which is fully set forth in the following specification.

This invention relates to the building up of a disk tablet for sound-records having a facing of celluloid or the like; and its objects are to prevent warping or separation of the layers and to produce a sound-record characterized by cheapness and durability. A disk consisting of a single thin sheet of celluloid will warp and besides is sleazy and liable to puncture, &c. A single comparatively thick block of celluloid, while having sufficient body, is altogether too expensive for the purpose, while a tablet built up of a plurality of layers of thin celluloid, though having sufficient body, is yet quite expensive, and above all the adhesive cementing of the layers together seems to be the cause of warping. The broad idea of the present invention consists of cementing or uniting the layers together only around their margins and leaving the greater portion of the adjacent surfaces of the layers entirely or essentially free from any adhesive or positive cementing.

In the drawings annexed hereto, Figure 1 is a sectional view through one of our new built-up record-tablets, but showing the layers exaggerated in thickness and separated from each other. Fig. 2 is a similar view of a modification; Fig. 3 is a similar view of still another modification, and Fig. 4 represents the completed article.

In carrying out one form of our invention we take a disk 11 of ordinary bristol-board (three-ply or more) or the like of a diameter about one-eighth of an inch less than the ultimate record. We next take two disks 12 12' of (thin) celluloid or the like of the desired diameter, so that when placed concentrically the two celluloid disks will extend beyond (or overlap) the bristol-board disk by a margin 13 13' of about one-sixteenth of an inch. (See Fig. 1.) We then apply a

suitable adhesive (acetone or other cement) around these margins and finally, arranging the layers concentrically, as seen in Fig. 1, the whole is placed in a suitable press and compressed together. By the same operation a sound-record may be impressed into each (or either) of the celluloid faces by means of suitable sound-record matrices in the press, or the sound-record may be imparted to our new tablet subsequently.

According to Fig. 2, the bristol board 11 is omitted, and the two sheets 12 12' of celluloid or the like are united together, as before, at 13.

According to Fig. 3, only one disk 12, of celluloid or the like, is employed, being cemented directly at 13 to the disk 11, of bristol-board or the like, which latter in this case is of the same diameter as disk 12. The disk 11, however, will preferably be rendered water-proof.

In the several figures 14 indicates the pin-hole for engaging the stud or pin on the turntable of the talking-machine. Around the margin of this hole may be applied a belt or zone of cement.

Although the cement has been spoken of as applied only in a narrow rim or margin, yet in practice it will spread or run more or less; but this is not material. The greater portion of the adjacent surfaces will be essentially free from an adhesive.

Having thus described our invention, we claim—

1. A tablet for sound-records, comprising a plurality of layers connected together only around their margins.

2. A tablet for sound-records, comprising a plurality of layers, the greater portion of whose adjacent surfaces is essentially free from an adhesive.

3. A tablet for sound-records, comprising a layer of celluloid and a layer of bristol-board, the greater portion of whose adjacent surfaces is essentially free from an adhesive.

4. A tablet for sound-records, comprising two layers of celluloid secured together only around their margins.

5. A tablet for sound-records comprising



two enveloping layers of celluloid secured together only around their margins, and an interior layer of bristol-board or the like.

6. A tablet for sound-records comprising  
5 two layers of different material held together but the greater extent of whose surfaces is essentially free from any adhesive.

In testimony whereof we have signed this

specification in the presence of two subscribing witnesses.

HAROLD GODWIN.  
AUGUST HOFFMAN.

Witnesses:

G. A. MANWARING,  
WM. HACKLAND.